

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023632.D
 Acq On : 10 Aug 2021 13:15
 Operator : JC/MD
 Sample : M3251-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 02:59:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

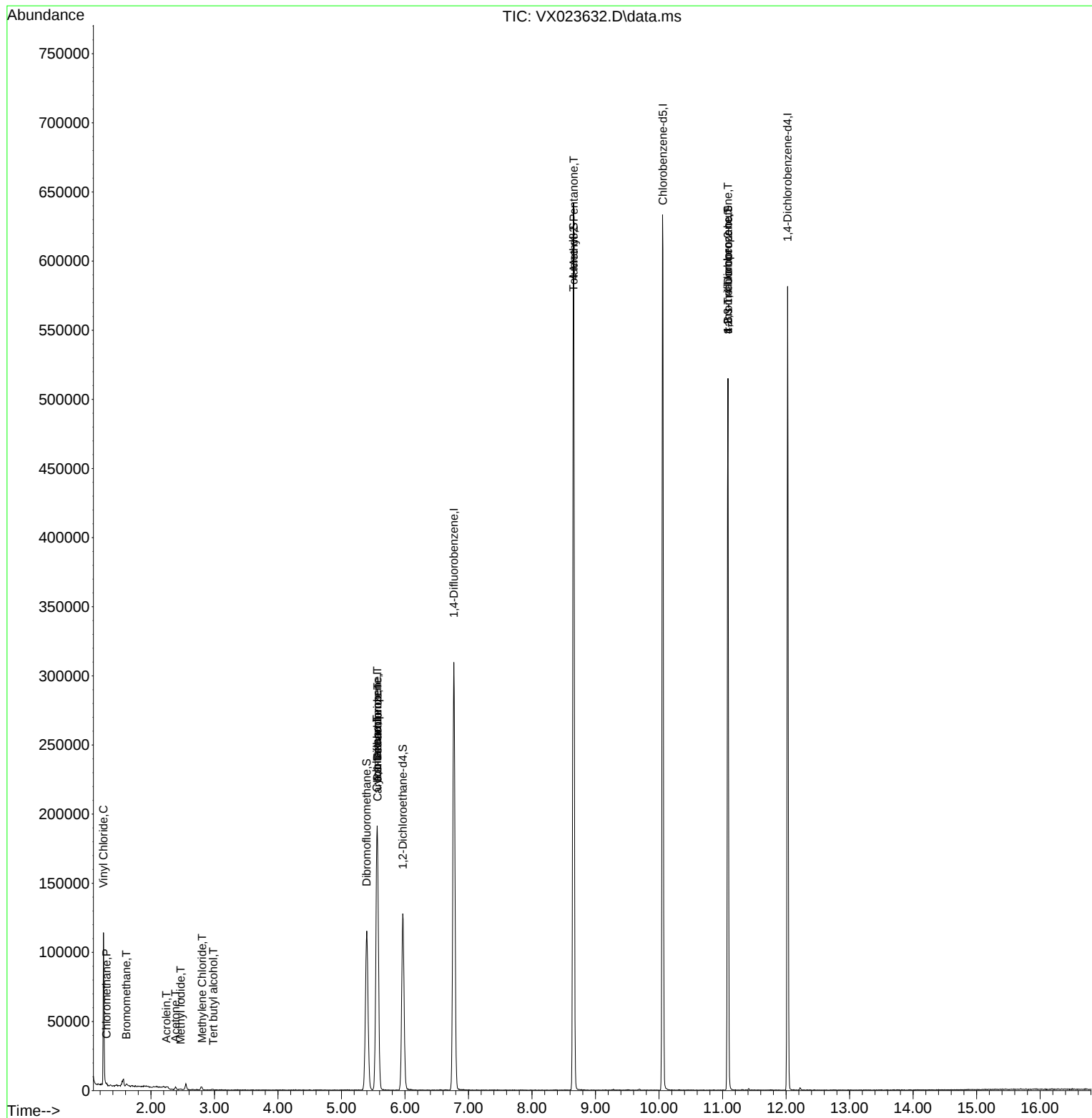
Internal Standards						
1) Pentafluorobenzene	5.562	168	182335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	283451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121412	53.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.760%	
35) Dibromofluoromethane	5.397	113	97673	50.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.380%	
50) Toluene-d8	8.653	98	375857	53.095	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	11.085	95	128746	53.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.980%	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	724	0.371	ug/l #	74
4) Vinyl Chloride	1.252	62	858	0.434	ug/l	90
5) Bromomethane	1.611	94	770	0.656	ug/l	98
10) Methyl Iodide	2.465	142	794	0.351	ug/l #	73
11) Tert butyl alcohol	2.983	59	575	1.107	ug/l #	73
13) Acrolein	2.239	56	39	1.511	ug/l	86
16) Acetone	2.386	43	1832	1.642	ug/l	99
20) Methylene Chloride	2.806	84	1256	0.579	ug/l #	71
31) Cyclohexane	5.556	56	4113	1.221	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	13843	4.966	ug/l #	50
38) Carbon Tetrachloride	5.568	117	18641	6.575	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1675	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	67438	26.959	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	67438	72.489	ug/l #	12

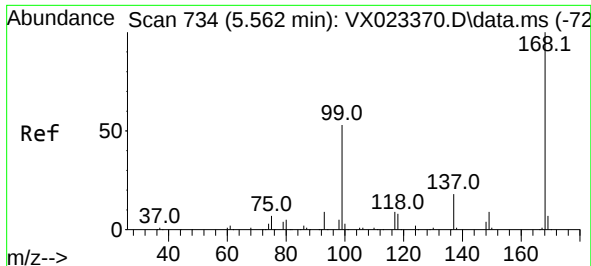
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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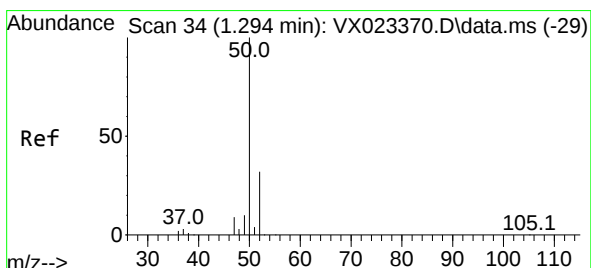
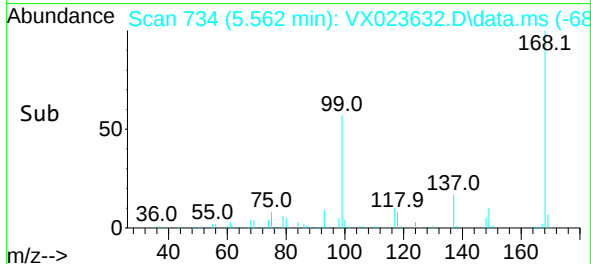
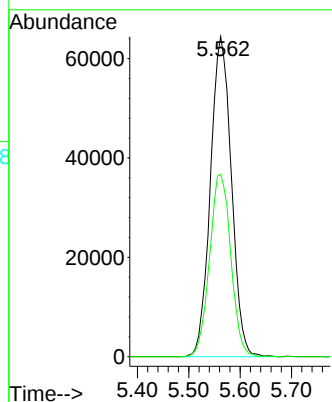
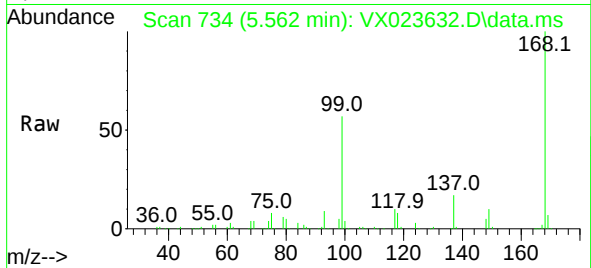




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

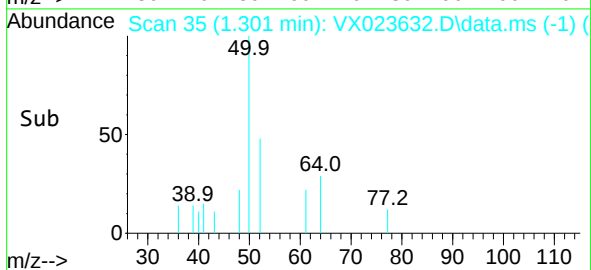
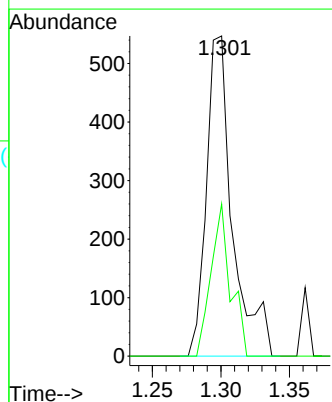
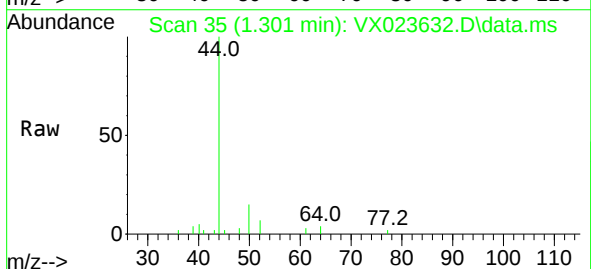
Instrument :
MSVOA_X
ClientSampleId :

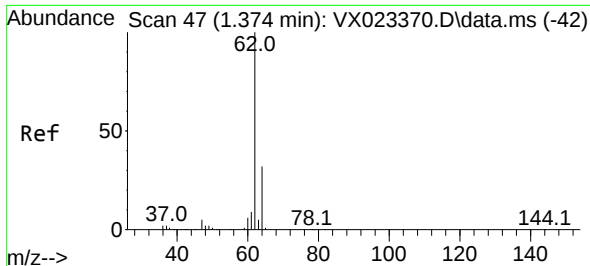
Tgt Ion:168 Resp: 182335
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.371 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 47.5 26.4 39.6#

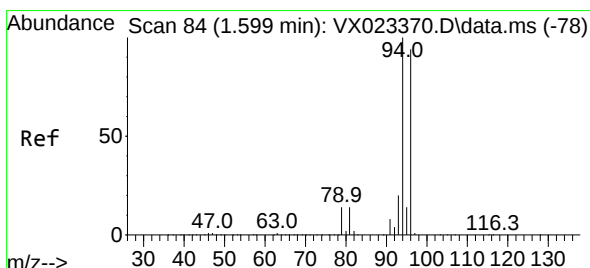
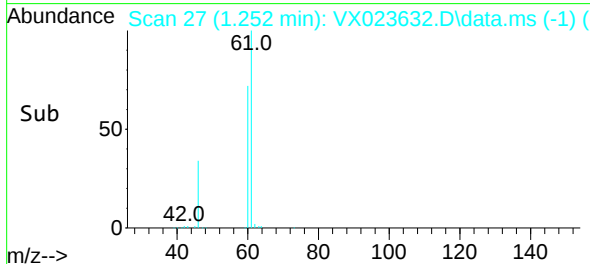
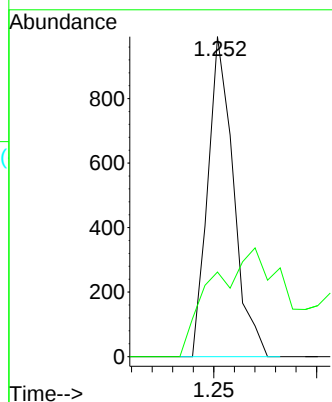
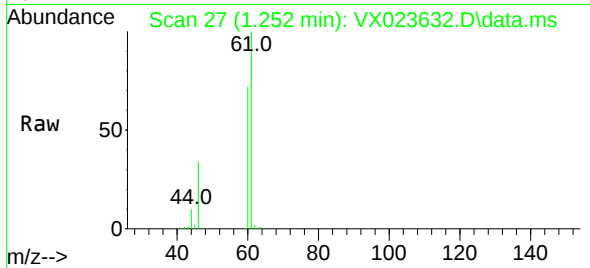




#4
 Vinyl Chloride
 Concen: 0.434 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023632.D
 Acq: 10 Aug 2021 13:15

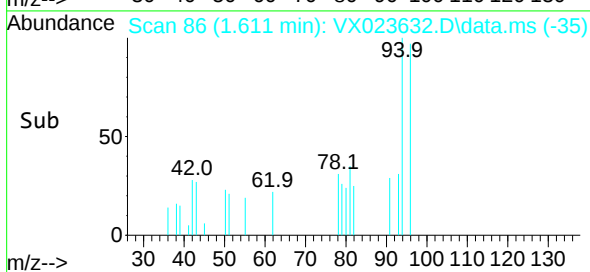
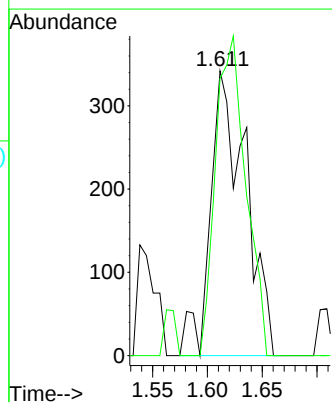
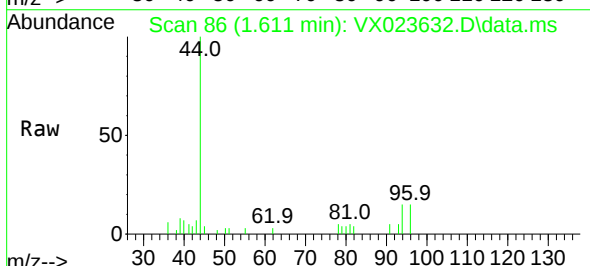
Instrument :
 MSVOA_X
 ClientSampled :

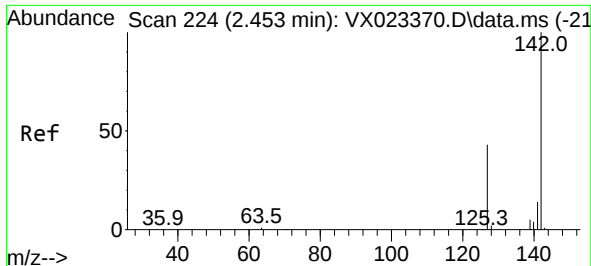
Tgt Ion: 62 Resp: 858
 Ion Ratio Lower Upper
 62 100
 64 26.4 25.7 38.5



#5
 Bromomethane
 Concen: 0.656 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023632.D
 Acq: 10 Aug 2021 13:15

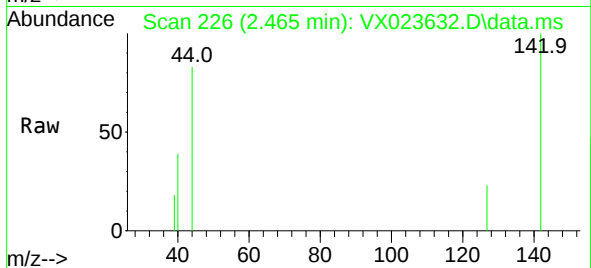
Tgt Ion: 94 Resp: 770
 Ion Ratio Lower Upper
 94 100
 96 97.4 76.4 114.6



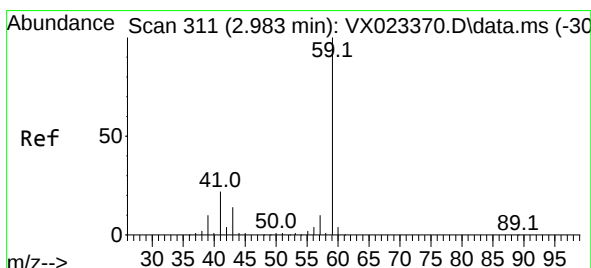
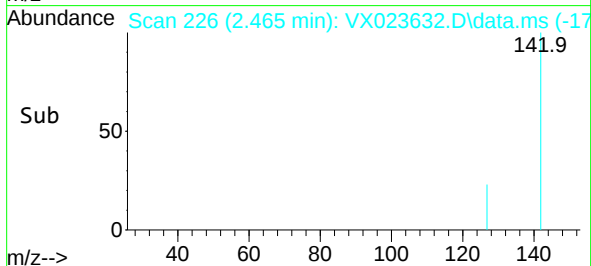
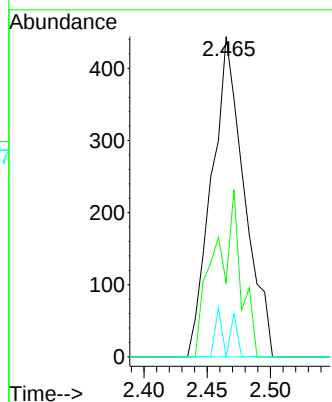


#10
Methyl Iodide
Concen: 0.351 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Instrument :
MSVOA_X
ClientSampled :

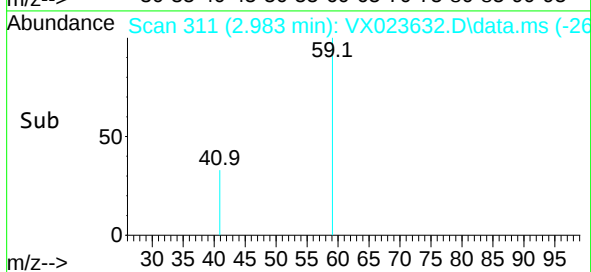
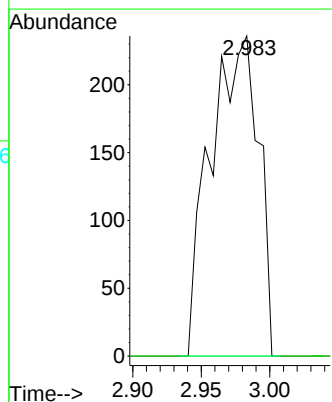
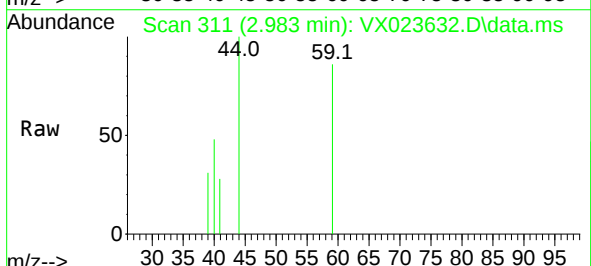


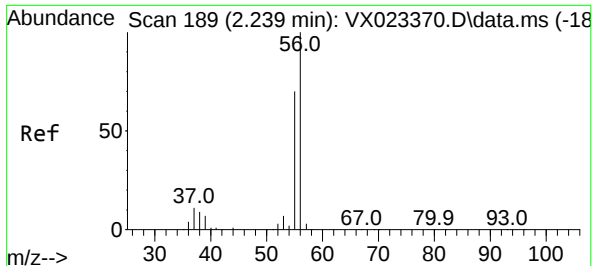
Tgt Ion:142 Resp: 794
Ion Ratio Lower Upper
142 100
127 23.2 33.3 49.9#
141 5.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.107 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 59 Resp: 575
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

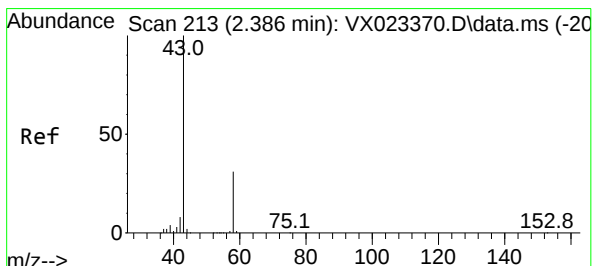
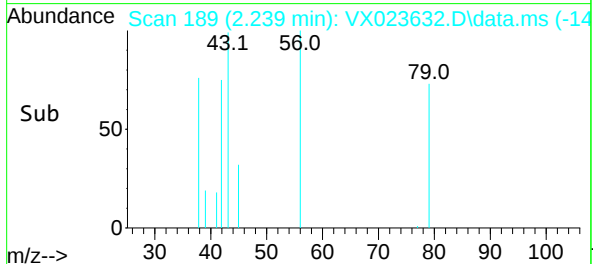
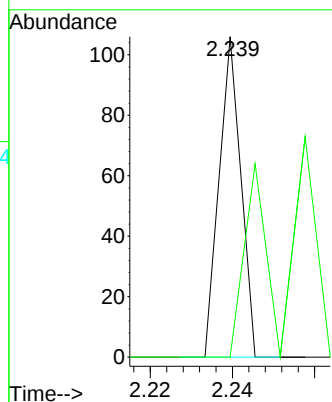
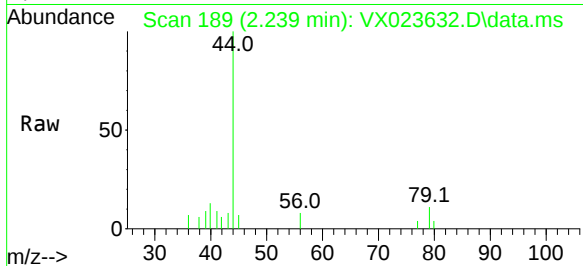




#13
Acrolein
Concen: 1.511 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

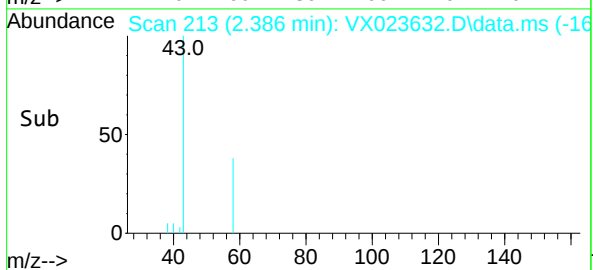
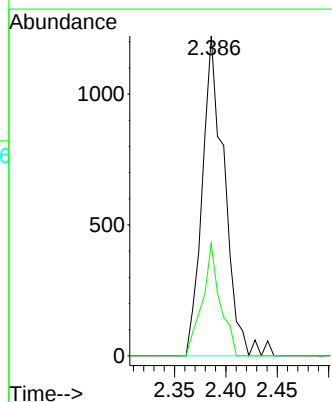
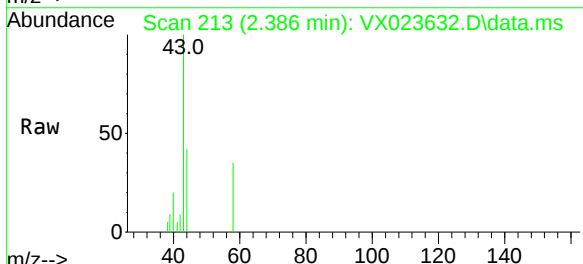
Instrument :
MSVOA_X
ClientSampled :

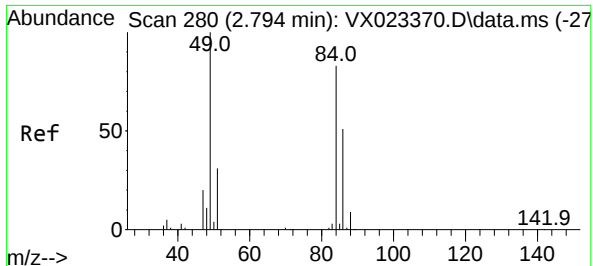
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 59.0 56.4 84.6



#16
Acetone
Concen: 1.642 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

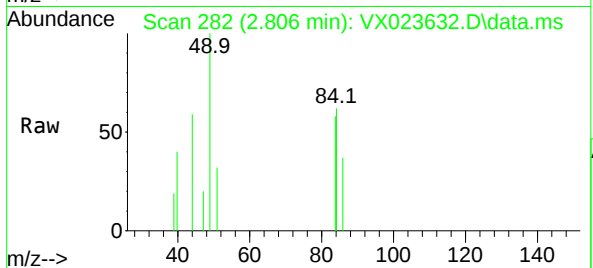
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



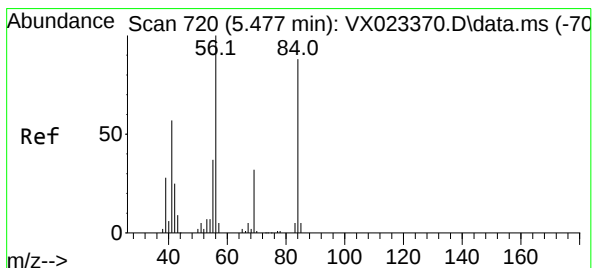
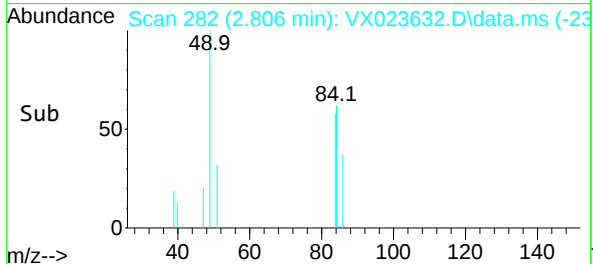
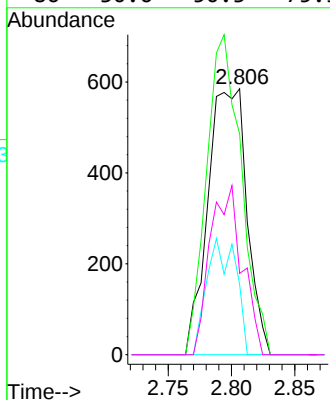


#20
Methylene Chloride
Concen: 0.579 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Instrument :
MSVOA_X
ClientSampled :

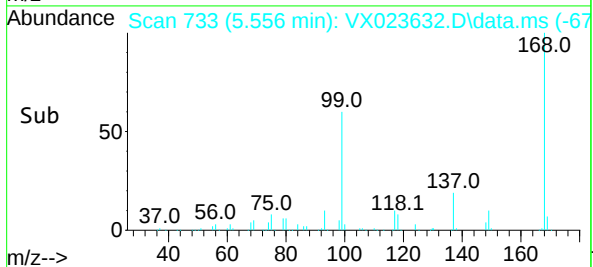
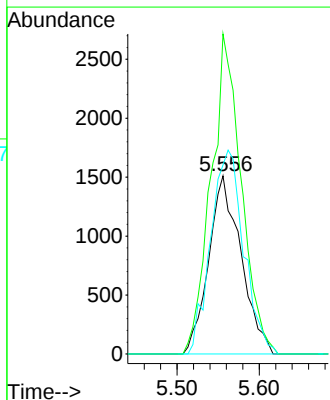
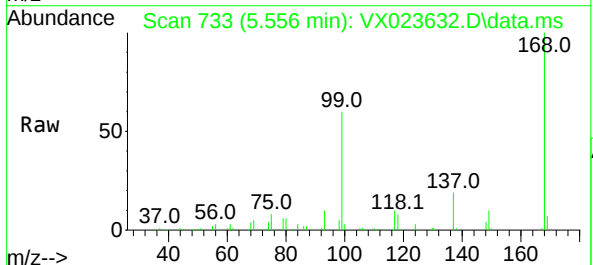


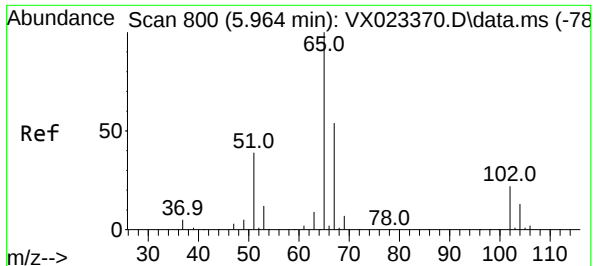
Tgt Ion:	84	Resp:	1256
Ion	Ratio	Lower	Upper
84	100		
49	83.1	88.6	132.8#
51	26.5	27.0	40.6#
86	30.6	50.3	75.5#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion:	56	Resp:	4113
Ion	Ratio	Lower	Upper
56	100		
69	179.7	25.3	37.9#
84	106.1	71.4	107.0



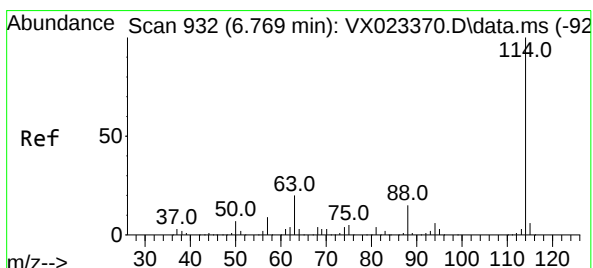
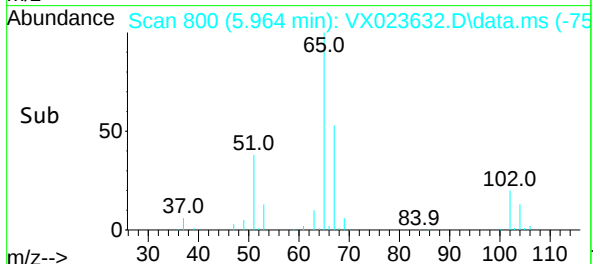
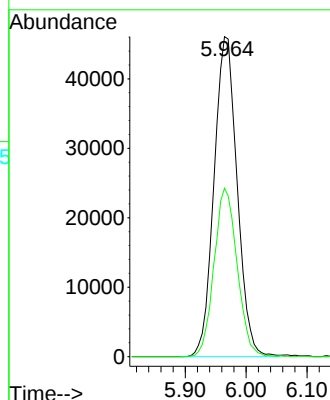
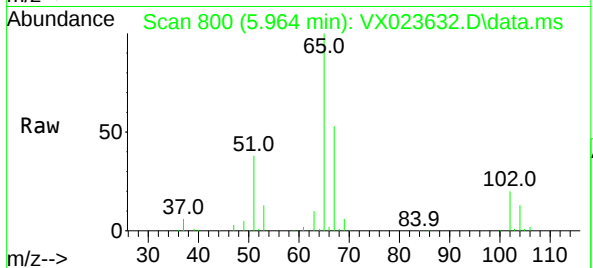


#33

1,2-Dichloroethane-d4
Concen: 53.380 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :

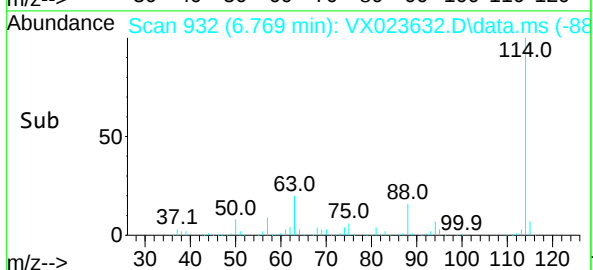
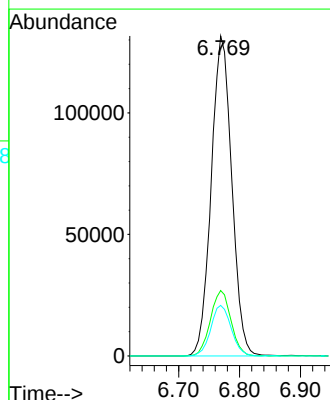
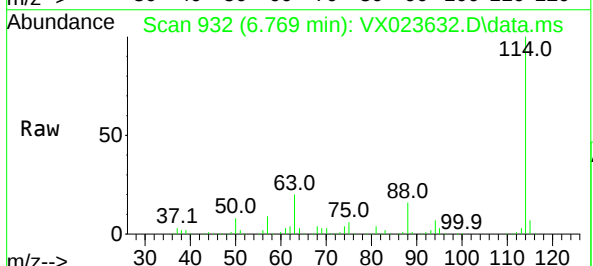
Tgt Ion: 65 Resp: 121412
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

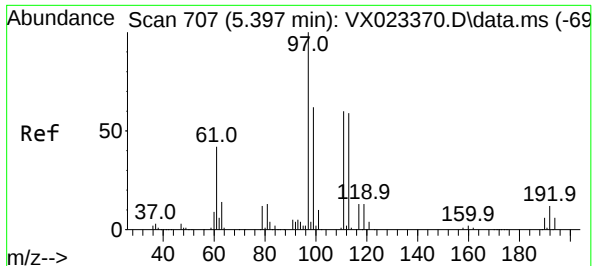


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 114 Resp: 308161
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.8 0.0 32.8

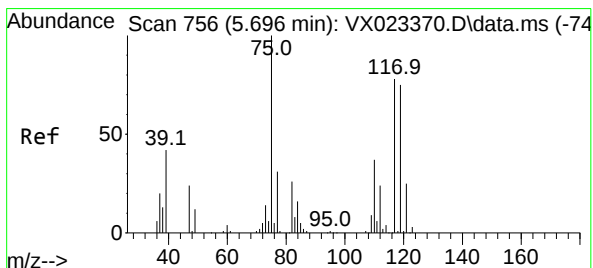
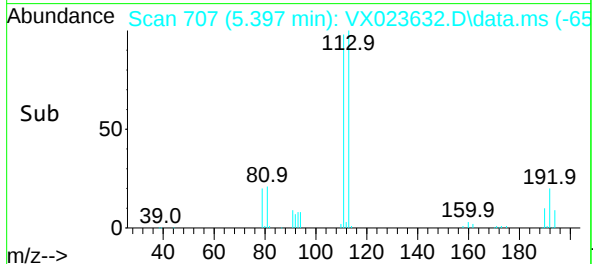
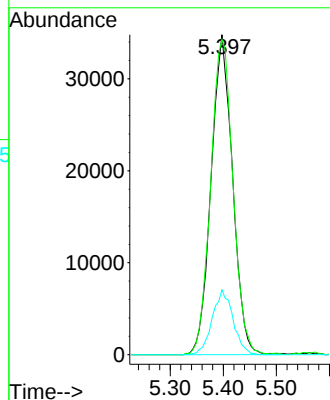
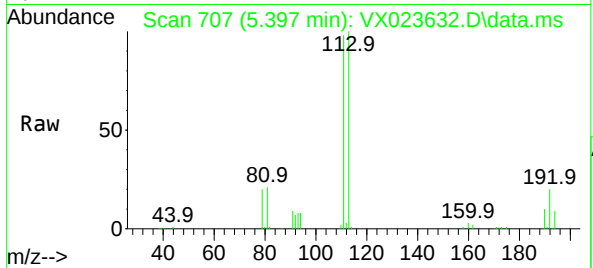




#35
Dibromofluoromethane
Concen: 50.693 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

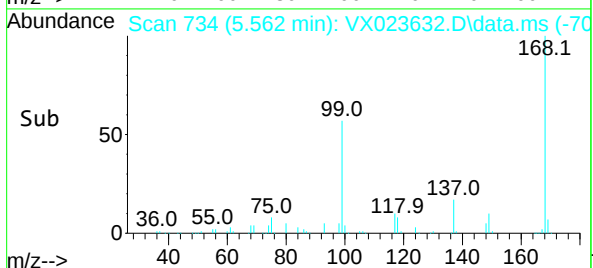
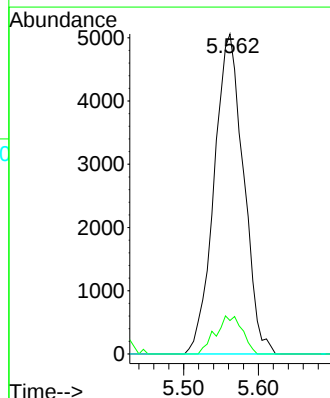
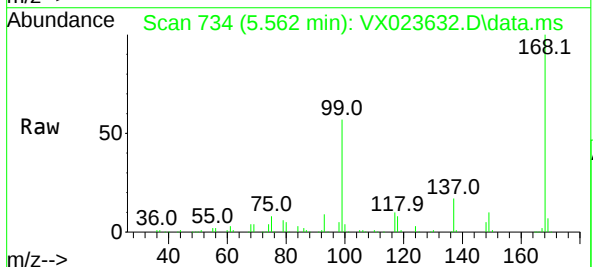
Instrument :
MSVOA_X
ClientSampleId :

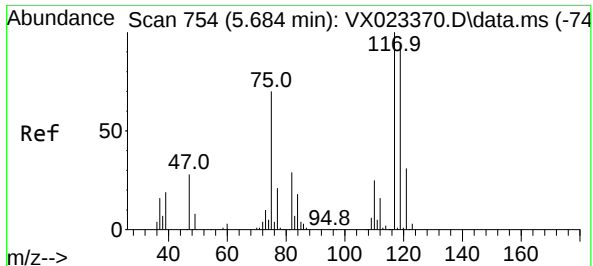
Tgt Ion:113 Resp: 97673
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

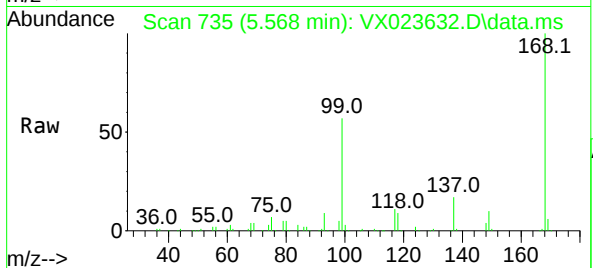
Tgt Ion: 75 Resp: 13843
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



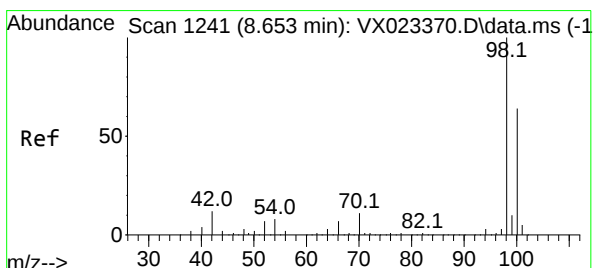
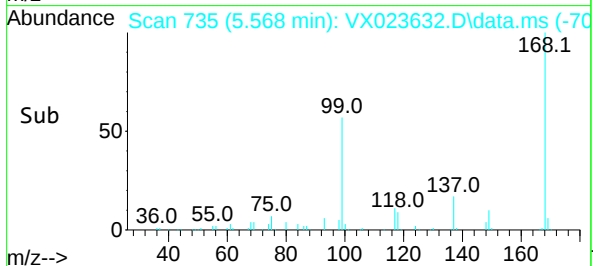
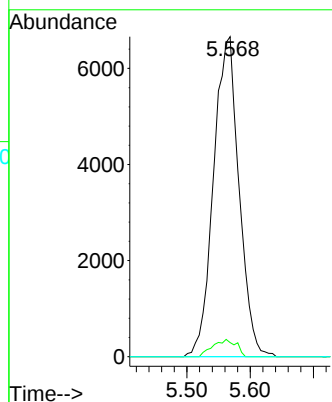


#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :

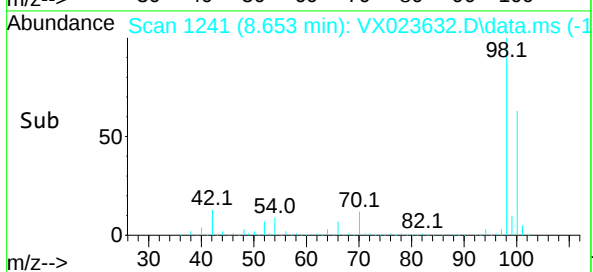
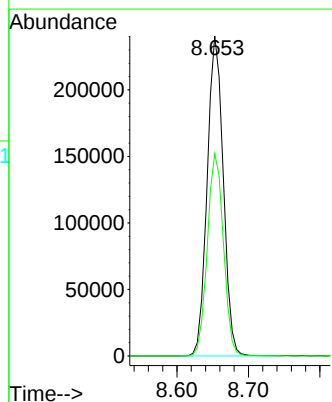
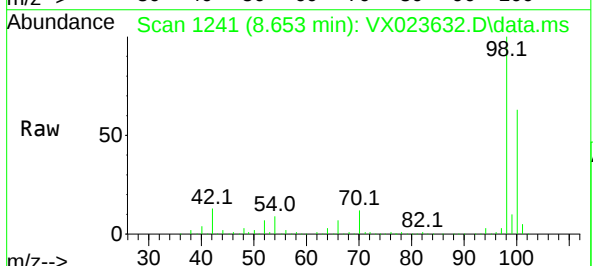


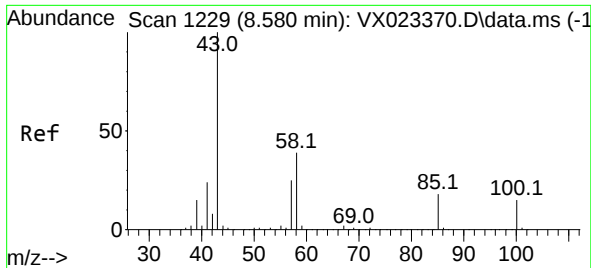
Tgt Ion:117 Resp: 18641
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.095 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 98 Resp: 375857
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

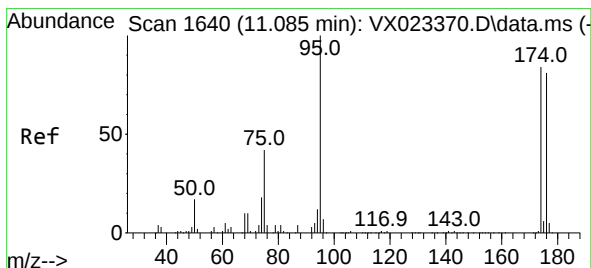
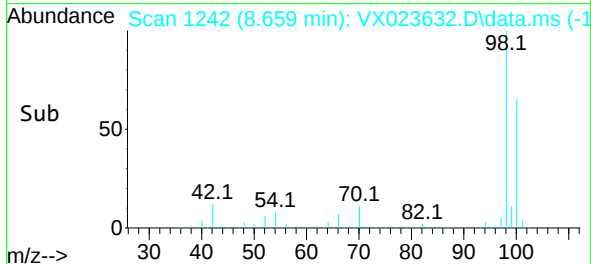
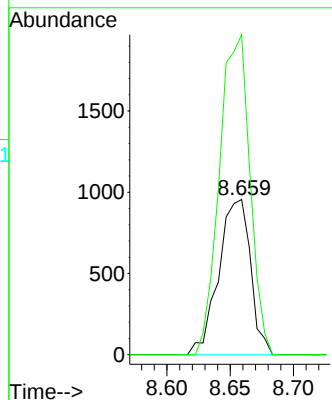
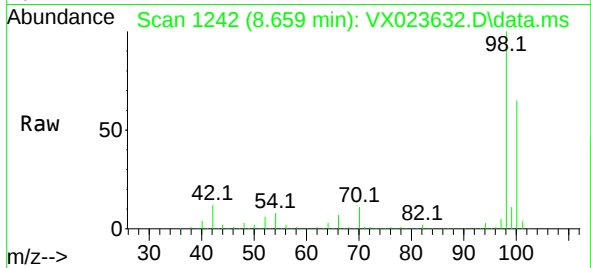




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

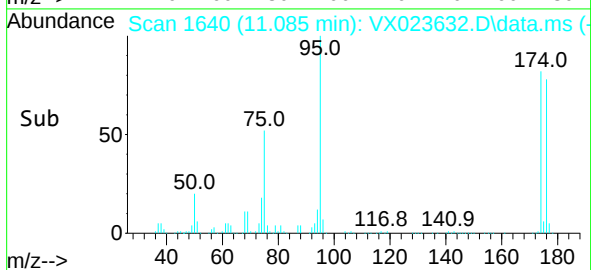
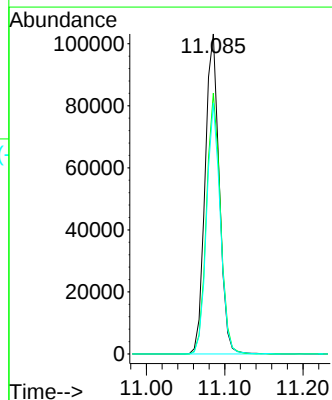
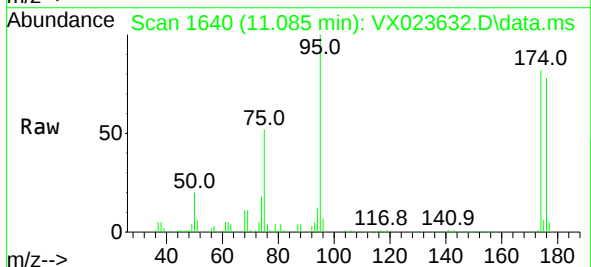
Instrument :
MSVOA_X
ClientSampled :

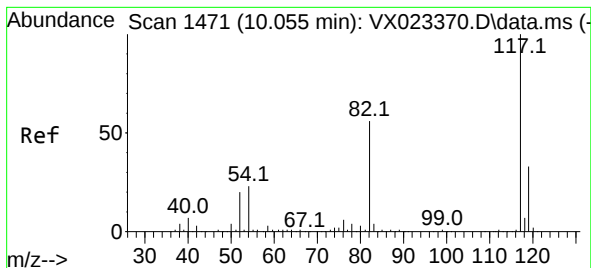
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 197.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.485 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 95 Resp: 128746
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 76.0 0.0 155.8

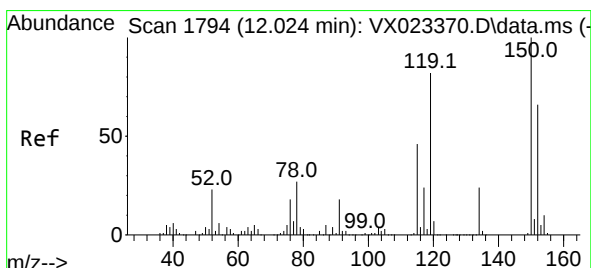
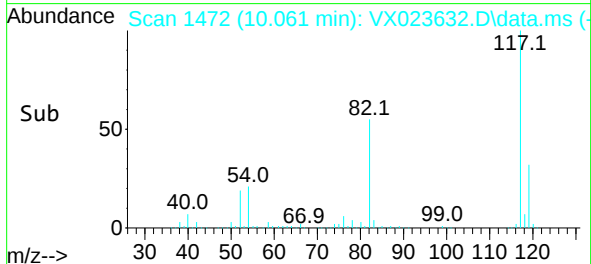
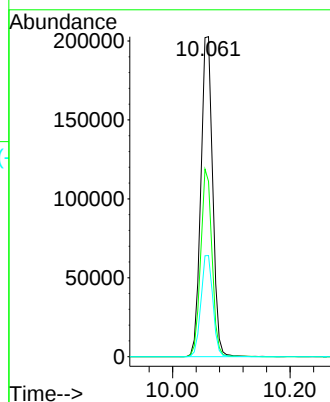
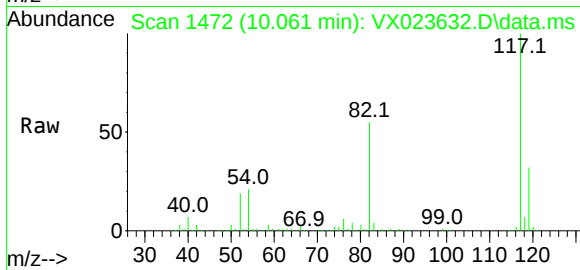




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

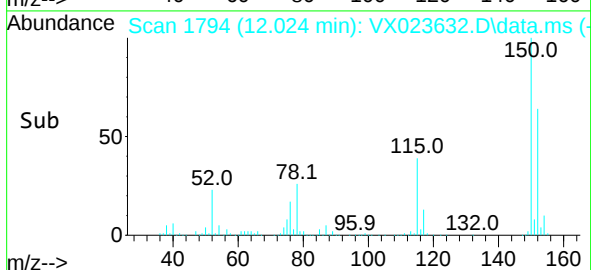
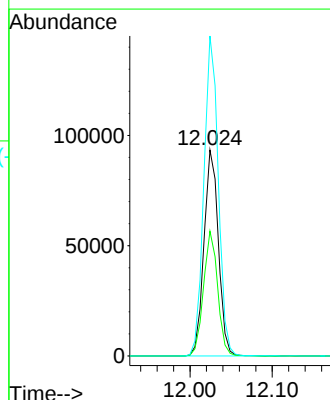
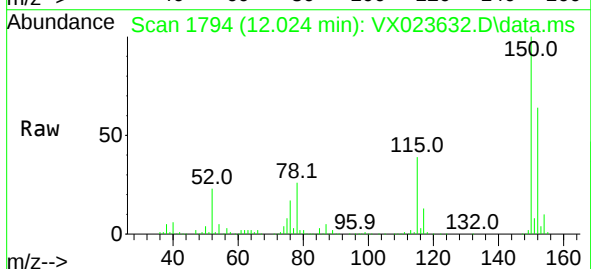
Instrument :
MSVOA_X
ClientSampled :

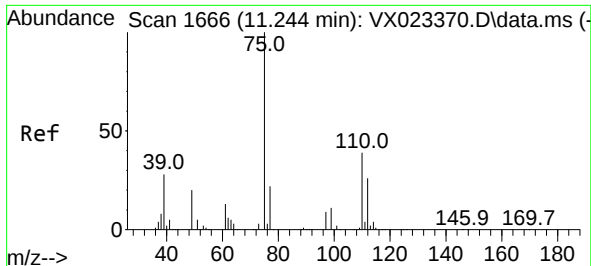
Tgt Ion:117 Resp: 283451
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion:152 Resp: 113676
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 155.2 0.0 349.0

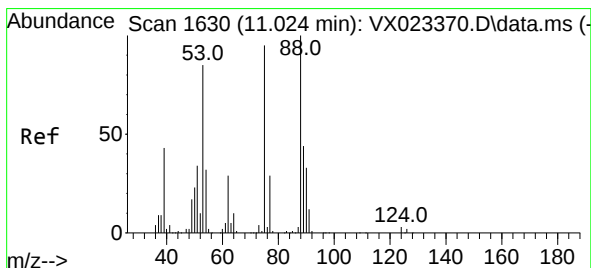
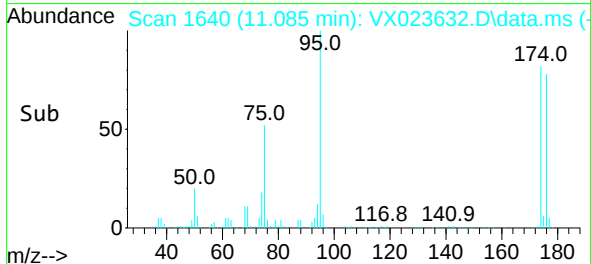
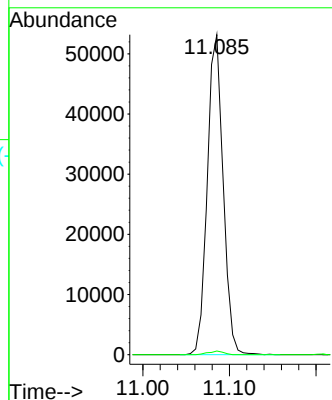
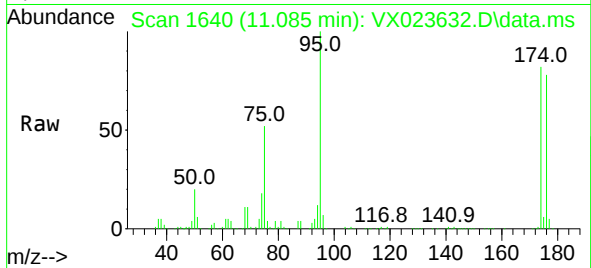




#76
1,2,3-Trichloropropane
Concen: 26.959 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 67438
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.489 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023632.D
Acq: 10 Aug 2021 13:15

Tgt Ion: 75 Resp: 67438
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

